REMARKS

Claims 1-28 stand rejected. Claims 1-28 remain pending in the patent application. Applicants respectfully request further examination and reconsideration in view of the remarks set forth below. Applicants respectfully submit that the amendments herein to the patent application do not add new matter to it.

35 U.S.C. §102 Rejections

Claims 1-28 are rejected under 35 U.S.C. §102(e) as being unpatentable over Heile et al., U.S. Patent No. 6,321,369 (hereinafter Heile). Applicants respectfully submit that Claims 1-28 are not anticipated by Heile.

CLAIM 1

Applicants respectfully contend that Heile does not teach or suggest subject matter recited in amended independent Claim 1. For instance, amended Claim 1 recites in part (emphasis added):

> selecting the global electronic resource via an input device wherein the global electronic resource is associated with a first programmable microcontroller circuit;

Applicants respectfully assert that Heile fails to teach or suggest selecting the global electronic resource via an input device wherein the global electronic resource is associated with a first programmable microcontroller circuit as specifically recited in amended Claim 1. Since Heile does not teach or suggest at least one element

recited in amended Claim 1, Applicants respectfully contend that Heile cannot anticipate amended Claim 1.

Based on the above rationale, Applicants respectfully submit that newly amended independent Claim 1 is not anticipated by Heile. Therefore, Applicants respectfully submit amended Claim 1 is allowable over Heile.

CLAIM 7

Applicants respectfully assert that Heile does not teach or suggest subject matter recited in amended independent Claim 7. For instance, amended Claim 7 recites in part (emphasis added):

> storing the selected parameter value as a default global electronic setting for use by a second programmable microcontroller circuit.

Applicants respectfully contend that Heile fails to teach or suggest storing the selected parameter value as a default global electronic setting for use by a second programmable microcontroller circuit as recited in amended Claim 7. Since Heile does not teach or suggest at least one element recited in amended Claim 7, Applicants respectfully contend that Heile cannot anticipate amended Claim 7.

Based on the above rationale, Applicants respectfully submit that newly amended independent Claim 7 is not anticipated by Heile. Therefore, Applicants respectfully submit amended Claim 7 is allowable over Heile.

CLAIM 12

Applicants respectfully contend that Heile does not teach or suggest subject matter recited in amended independent Claim 12. For instance, amended Claim 12 recites in part (emphasis added):

> a global resource database coupled to the global resource parameter selector for tracking a location within the associated electronic hardware resource and for storing the current global parameter value as a default global setting for use among a plurality of programmable microcontroller circuits.

Applicants respectfully assert that Heile fails to teach or suggest a global resource database coupled to the global resource parameter selector for tracking a location within the associated electronic hardware resource and for storing the current global parameter value as a default global setting for use among a plurality of programmable microcontroller circuits as recited in amended Claim 12. Since Heile does not teach or suggest at least one element recited in amended Claim 12, Applicants respectfully contend that Heile cannot anticipate amended Claim 12.

Based on the above rationale, Applicants respectfully submit that newly amended independent Claim 12 is not anticipated by Heile. Therefore, Applicants respectfully submit amended Claim 12 is allowable over Heile.

CLAIMS 17 and 23

Applicants respectfully assert that Heile does not teach or suggest subject matter recited in amended independent Claims 17 and 23. For instance, amended Claim 17 recites in part (emphasis added):

> > displaying, in tabular form, a list of global electronic design resources
> > and respective global design parameter values associated therewith for use in
> > a first programmable microcontroller circuit;

Applicants respectfully contend that Heile fails to teach or suggest displaying, in tabular form, a list of global electronic design resources and respective global design parameter values associated therewith for use in a first programmable microcontroller circuit as specifically recited in newly amended Claims 17 and 23. Since Heile does not teach or suggest at least one element recited in amended Claims 17 and 23, Applicants respectfully contend that Heile cannot anticipate amended Claims 17 and 23.

Based on the above rationale, Applicants respectfully submit that newly amended independent Claims 17 and 23 are not anticipated by Heile. Therefore, Applicants respectfully submit amended Claims 17 and 23 are allowable over Heile.

CONCLUSION

In light of the above listed remarks, Applicants respectfully request reconsideration of rejected Claims 1-28.

Based on the reasoning presented above, Applicants respectfully assert that Claims 1-28 overcome the rejections of record and, therefore, Applicants respectfully solicit allowance of these Claims.

The Examiner is invited to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present application.

Respectfully submitted,

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